L Number	Hits	Search Text	DB	Time stamp
69	120	73/862.324.ccls.	USPAT;	2002/10/16 15:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
76	129	73/862.325.ccls.	USPĀT;	2002/10/16 15:37
			US-PGPUB;	
	j		EPO; JPO;	
			DERWENT;	
			IBM TDB	
83	676	33/706.ccls.	USPAT;	2002/10/16 15:38
	070	33/700.0013.	US-PGPUB;	2002,10,1010
			EPO; JPO;	
1			DERWENT;	
			IBM TDB	
	400	72/000 1		2002/10/16 15:38
90	492	73/800.ccls.	USPAT;	2002/10/10 15.58
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
97	173	(73/862.324.ccls. 73/862.325.ccls. 33/706.ccls. 73/800.ccls.) and	USPAT;	2002/10/16 15:44
		((sens\$4 measur\$4 meter\$4 determin\$4 detect\$4) near4 (lengthening	US-PGPUB;	
		elongat\$4 exten\$4 disten\$4 stretch\$4))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
104	24	((73/862.324.ccls. 73/862.325.ccls. 33/706.ccls. 73/800.ccls.) and	USPAT;	2002/10/16 15:46
		((sens\$4 measur\$4 meter\$4 determin\$4 detect\$4) near4 (lengthening	US-PGPUB;	
		elongat\$4 exten\$4 disten\$4 stretch\$4))) and ((ratio relation divi\$4	EPO; JPO;	
		proportion\$4 magnitud\$4) near4 (calculat\$4 determin\$4 estimat\$4	DERWENT;	
		comput\$4 evaluat\$4))	IBM TDB	
_	474	73/800.ccls.	USPAT;	2002/10/16 15:38
		1 13/0001001.51	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	280	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel	USPAT;	2002/10/15 17:25
-	200	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm.	EPO; JPO;	
		incar4 (lengthening clongator extensor distensor stretchory)).com.	DERWENT;	
			IBM_TDB	
	20	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel	USPAT;	2002/04/10 20:13
-	28	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002/04/10 20:13
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and	EPO; JPO;	
			DERWENT;	
		((eddy near2 current) (capacitance near2 gap) photoelectric)		
		(((, , , , , , , , , , , , , , , , , ,	IBM_TDB	2002/04/10 20:22
-	28	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:23
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and	EPO; JPO;	
		((eddy near2 current) (capacitance near2 gap) photoelectric)	DERWENT;	
			IBM_TDB	2002/04/10 20 27
-	464	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:27
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4))	IBM_TDB	
-	109	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 10:05
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 stretch\$4))) and (((eddy near2 current)	EPO; JPO;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))	DERWENT;	
			IBM_TDB	



		•	,	
-	41	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:32
ŀ		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4)) and 73/\$6.ccls.	IBM_TDB	
-	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:25
İ		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
i		near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
	1	detect\$4)) and 73/\$6.ccls.	IBM TDB	
	42	(((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel	USPAT;	2002/04/11 10:20
-	42	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002/04/11 10.20
		indents4 depression gap) and ((sells54 lileasur54 determins4 detects4)	EPO; JPO;	
		near4 (length\$6 elongat\$4 stretch\$4))) and (((eddy near2 current)	DERWENT;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))		
			IBM_TDB	2002/04/11 10:56
-	5	(((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel	USPAT;	2002/04/11 10:56
		indent\$4 depression gap)) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (length\$6 elongat\$4 stretch\$4) near4 (chang\$4 variati\$4 alterat\$4	EPO; JPO;	
		differen\$4)) and ((eddy near2 current) (capacitance near2 gap)	DERWENT;	
		photoelectric) near4 (sens\$4 detect\$4)	IBM_TDB	
-	6	((((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:36
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
	1	detect\$4))).clm.	IBM TDB	
_	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:38
ļ _		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))).clm.	DERWENT;	
		(Selisar detectar))).clili.	IBM_TDB	
	4	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:39
-	4		US-PGPUB;	2002/04/11 11.57
		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)		
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))).clm.	DERWENT;	
			IBM_TDB	2002/04/11 11 44
-	6	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:44
1		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	11	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:57
	1	indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
1		detect\$4) and (((eddy near2 current) (capacitance near2 gap)	EPO; JPO;	
		photoelectric) near4 (sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	14	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:59
		indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) and ((eddy near2 current) capacitance photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4)) and (distance spacing separation) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	1	JP63313007	USPĀT;	2002/04/11 11:58
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	"63313007"	USPAT;	2002/04/11 11:58
-	1	03313007	US-PGPUB;	3332.3
			EPO; JPO;	
			DERWENT;	
		WC0140030H	IBM_TDB	2002/04/11 11:59
-		"62149938"	USPAT;	2002/04/11 11:58
1	1		TIC DODI'D	1
	1		US-PGPUB;	
	1		EPO; JPO;	
	1			

US-PGPU EPO; JPO DERWEN IBM_TDE US-PGPU EPO; JPO DERWEN US-PGPU EPO; JPO DERWEN IBM_TDE US-PGPU EPO; JPO DERWEN IBM_TDE US-PGPU EPO; JPO DERWEN IBM_TDE USPAT; US-PGPU determin\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance photoelectric) near4 (sens\$4 detect\$4)) and (distance spacing separation) DERWEN	T; 2002/10/16 15:37 B; T; 2002/04/11 12:04 B; T;
DERWEN IBM_TDE USPAT; US-PGPU EPO; JPO DERWEN IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance DERWEN US-PGPU EPO; JPO	T; 2002/10/16 15:37 B; T; 2002/04/11 12:04 B; T;
- 648 33/706.ccls. IBM_TDE USPAT; US-PGPU EPO; JPO DERWEN IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance IBM_TDE US-PGPU USPAT; US-PGPU DERWEN USPAT; US-PGPU DERWEN EPO; JPO	2002/10/16 15:37 B; T; 2002/04/11 12:04 B;
US-PGPU EPO; JPO DERWEN IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel USPAT; mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance EPO; JPO	B; T; 2002/04/11 12:04 B; T;
EPO; JPO DERWEN IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	T; 2002/04/11 12:04 B; T;
DERWEN IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel USPAT; mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance DERWEN IBM_TDE USPAT; US-PGPU determin\$4 detect\$4) and ((eddy near2 current) capacitance	T; 2002/04/11 12:04 B; T;
IBM_TDE ((((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel uSPAT; mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 uS-PGPU determin\$4 detect\$4) and ((eddy near2 current) capacitance EPO; JPO	2002/04/11 12:04 B;
- 0 (((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 US-PGPU determin\$4 detect\$4) and ((eddy near2 current) capacitance EPO; JPO	B; 2002/04/11 12:04 T;
mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance EPO; JPO	T;
	Т;
photoelectric) near4 (sens\$4 detect\$4)) and (distance spacing separation) DERWEN	
	1
and 33/706.ccls. IBM_TDE ((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod bar) near6 (groove USPAT;	2002/04/11 12:10
furrow channel mark\$4 indent\$4 projection depression gap)) and (sens\$4 US-PGPU	
measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance EPO; JPO	
photoelectric) near4 (sens\$4 detect\$4) and sensor and 33/\$6.ccls. DERWEN	· I
IBM_TDE	
((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar) USPAT; near6 (groove furrow channel mark\$4 indent\$4 projection depression US-PGPU	2002/04/11 13:34
near6 (groove furrow channel mark\$4 indent\$4 projection depression uS-PGPU gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 EPO; JPO	- 1
current) capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor DERWEN	
and 33/\$6.ccls.	
- 11 ((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar) USPAT;	2002/04/11 12:51
near6 (groove furrow channel mark\$4 indent\$4 projection depression US-PGPU	
gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and sensor and EPO; JPO	
33/\$6.ccls. DERWEN IBM_TDE	
- 0 63313007.URPN. USPAT	2002/04/11 13:32
- 1 (((length\$6 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar) USPAT;	2002/04/11 13:45
near6 (groove furrow channel mark\$4 indent\$4 projection depression US-PGPU	• •
gap)) near9 (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 EPO; JPO	
current) capacitance photoelectric) near4 (sens\$4 detect\$4) and DERWEN	· 1
sensor).clm. 1 (((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove USPAT;	2002/04/11 13:56
furrow channel mark\$4 indent\$4 projection depression gap)) near9 US-PGPU	
(sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) EPO; JPO	
capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor).clm. DERWEN	
IBM_TDF 122 (((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove USPAT;	2002/04/11 14:00
- 122 (((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove furrow channel mark\$4 indent\$4 projection depression gap)) near9 US-PGPU	
(sens\$4 measur\$4 detect\$4) and (sens\$4 detect\$4)).clm. EPO; JPO	
DERWEN	
IBM_TDE	
2 ("5440938" "5452616").PN. > USPAT	2002/04/11 14:08
- 0 5979248.URPN. USPAT	2002/04/11 14:11 2002/10/16 15:37
- 118 73/862.324.ccls. USPAT; US-PGPU	
EPO; JPO	10
DERWEN	
IBM_TDE	
- 121 73/862.325.ccls. USPAT;	2002/04/11 14:15
US-PGPU EPO; JPO	
DERWEN	`
IBM_TDF	· ·
- 91 73/862.32\$.ccls. and (mark\$4 notch\$4) USPAT;	2002/04/11 14:34
US-PGPU	
EPO; JPO	
DERWEN IBM_TDI	



	(6	72/0/2 220 1 1/ 104 - 104) - 1//	LICDATE	2002/04/11 14:22
-	65	73/862.32\$.ccls. and (mark\$4 notch\$4) and ((sens\$4 detect\$4	USPAT;	2002/04/11 14:22
		determin\$4) near4 (shaft rod bar))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/04/11 14 02
-	3	4995257.pn.	USPAT;	2002/04/11 14:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-			IBM_TDB	
-	6	("4305294" "4347748" "4352295" "4525068" "5001937" "5297044").PN.	USPAT	2002/04/11 14:24
-	6	5438882.URPN.	USPAT	2002/04/11 14:25
-	105	73/862.32\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4	USPAT;	2002/04/11 14:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	65	73/862.3\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4 and	USPAT;	2002/04/11 17:09
		((capacitive (eddy near2 current) photodetect\$4 photoelectric))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	4166383.URPN.	USPAT	2002/04/11 14:43
	2	("2519378" "2811853").PN.	USPAT	2002/04/11 14:43
_	48	73/862.3\$.ccls. and (groove) and rotat\$4 and ((capacitive (eddy near2	USPAT;	2002/04/11 17:10
		current) photodetect\$4 photoelectric))	US-PGPUB;	
		•	EPO; JPO;	
1			DERWENT;	
		·	IBM_TDB	
-	5	("5315881" "5438882" "4712432" "4166383" "5723794").pn.	USPAT	2002/04/11 18:47
-	24	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPAT;	2002/10/16 11:27
		channel indent\$4 depression gap) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	EPO; JPO;	
		stretch\$4))).clm.	DERWENT;	
			IBM_TDB	
-	1	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPAT;	2002/10/15 17:37
		channel indent\$4 depression gap)) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4 sens\$4) near4 (lengthening elongat\$4 exten\$4	EPO; JPO;	
		disten\$4 stretch\$4)) same ((interval time period) near4 ratio)	DERWENT;	
			IBM_TDB	
-	34	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPAT;	2002/10/16 15:44
		channel indent\$4 depression gap) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	EPO; JPO;	
		stretch\$4)))and ((ratio relation divi\$4 proportion\$4 magnitud\$4) near4	DERWENT;	
[1	(calculat\$4 determin\$4 estimat\$4 comput\$4 evaluat\$4))	IBM_TDB	